

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L4	47	(allpass all-pass all adj pass) near filter same FIR and transfer adj function	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/01 11:02
L5	36	(@ad<="20030916" @rlad<-20030916) and l4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/01 14:35
L6	6	(allpass all-pass all adj pass) near filter same FIR same (poles zeros) and transfer adj function	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/01 11:19
L7	186	(DMT discrete near multitone) same (phase delta) near modulation	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/01 11:19
L8	150	(DMT discrete near multitone) with (phase delta) near modulation	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/01 11:22
L9	128	(@ad<="20030916" @rlad<-20030916) and l8	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/01 11:20
L10	9	(filter with (predistort\$3 pre-distort\$3 pre-emphasi\$4 pre-compensat\$3 precompensat\$3)).ab. and transfer near function and (phase delta) near modulation	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/01 11:46
L11	6	"6324200"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/01 11:25

## EAST Search History

L12	52	((("6324220") or ("6335767") or ("5524286") or ("5598436") or ("5905760") or ("5952895") or ("6043707") or ("6094101") or ("6125266") or ("6140882") or ("6147553") or ("6255912") or ("6449465") or ("6621340") or ("6834084") or ("20020098812") or ("20020186783") or ("20020193085") or ("20030031267") or ("20030095608") or ("20030215025") or ("20030215026") or ("20040021517") or ("20040047432") or ("20050017801") or ("20050122164"))).PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/01 11:28
L13	17	(phase delta) near modulats\$3 and l12	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/01 11:32
L14	3	l13 and high near frequency	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/01 11:32
L15	281	(predistorts\$3 pre-distorts\$3 pre-emphasiz\$4 pre-compensats\$3 precompensats\$3).ab. and (phase delta) near modulation	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/01 14:35
L16	8	((predistorts\$3 pre-distorts\$3 pre-emphasiz\$4 pre-compensats\$3 precompensats\$3) with high near frequency).ab. and (phase delta) near modulation	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/01 14:33
L17	195	modulats\$3 and phase adj (information signal) and magnitude adj (information signal) same amplifier and filter	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/01 14:39
L18	28	(predistorts\$3 pre-distorts\$3 pre-emphasiz\$4 pre-compensats\$3 precompensats\$3 spectr\$3 near shap\$3) and l17	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/01 14:40

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L19	18	(@ad<="20030916" @rlad<-20030916) and l18	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/01 14:40
L20	1258	modulat\$3 and phase adj (information signal) and (amplitude magnitude) adj (information signal) same amplifier and filter	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/01 14:40
L21	243	(predistort\$3 pre-distort\$3 pre-emphasi\$4 pre-compensat\$3 precompensat\$3 spectr\$3 near shap\$3) and l20	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/01 14:41
L22	189	(@ad<="20030916" @rlad<-20030916) and l21	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/01 14:41
L23	96	(predistort\$3 pre-distort\$3 pre-emphasi\$4 pre-compensat\$3 precompensat\$3 spectr\$3 near shap\$3) and modulat\$3 and phase adj (information signal) same (amplitude magnitude) adj (information signal) same amplifier and filter	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/01 14:41
L24	76	(@ad<="20030916" @rlad<-20030916) and l23	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/01 14:41
S1	2	("20050058219").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/30 10:36
S2	26	US-5524286-\$.DID. OR US-5598436-\$.DID. OR US-5905760-\$.DID. OR US-5952895-\$.DID. OR US-6043707-\$.DID. OR US-6094101-\$.DID. OR US-6125266-\$.DID. OR US-6140882-\$.DID. OR US-6147553-\$.DID. OR US-6255912-\$.DID. OR US-6449465-\$.DID. OR US-6621340-\$.DID. OR US-6834084-\$.DID.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/22 11:21

## EAST Search History

S3	22	((("20020098812") or ("20020186783") or ("20020193085") or ("20030031267") or ("20030095608") or ("20030215025") or ("20030215026") or ("20040021517") or ("20040047432") or ("20050017801") or ("20050122164")).PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/22 11:22
S4	48	S2 or S3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/22 14:38
S5	170	transfer near function and poles with zeros with (stabl\$7 unstabl\$7)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/22 14:03
S6	50	transfer near function with (inverse multip\$7 divid\$3) and poles with zeros with (stabl\$7 unstabl\$7)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/22 14:04
S7	36	(@ad<="20030916" @rlad<-20030916) and S6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/01 11:20
S8	2	pre-emphasis and S7	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/22 14:38
S9	0	S4 and poles with zeros	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/22 14:38
S10	5	S4 and transfer near function	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/22 14:38
S11	103	(discrete near5 transfer near function).clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/30 10:37

## EAST Search History

S12	45	modulat\$3 and S11	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/30 10:42
S13	0	(filter with (predistort\$3 pre-distort\$3 pre-emphasi\$4 pre-compensat\$3 precompensat\$3)).ab. and transfer near function and modulat\$3 and (S-function inverse adj invariant steiglitz adj mcbride)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/01 11:23
S14	88	(filter and (predistort\$3 pre-distort\$3 pre-emphasi\$4 pre-compensat\$3 precompensat\$3)).ab. and transfer near function and modulat\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/30 10:47
S15	18	S14 and poles and zeros	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/30 10:47
S16	12	(@ad<="20030916" @rlad<="20030916") and S15	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/30 14:13
S17	108	stabl\$8 same unstable same poles same zeros	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/30 14:13
S18	34	stabl\$8 same unstable same poles same zeros same transfer near function	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/30 14:30
S19	25	(@ad<="20030916" @rlad<="20030916") and S18	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/30 14:18
S20	40	stabilize same poles same zeros same transfer near function	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/30 14:18

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S21	63	stabiliz\$3 same poles same zeros same transfer near function	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/30 14:19
S22	57	(@ad<="20030916" @rlad<="20030916") and S21	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/30 14:19
S23	13	stabiliz\$3 with poles with zeros same transfer near function	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/30 14:19
S24	12	(@ad<="20030916" @rlad<="20030916") and S23	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/30 14:19
S25	6	(translat\$3 transform\$3 chang\$3) with unstable with poles same transfer near function	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/30 14:34
S26	3	stabilize near3 poles same transfer near function	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/30 14:39
S27	3	stabilizing near3 poles same transfer near function	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/30 14:35
S28	7	stabilize near3 zeros same transfer near function	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/30 14:39
S29	16	stabiliz\$3 adj3 zeros same transfer near function	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/30 14:40
S30	13	stabiliz\$3 adj3 transfer near function same (poles zeros)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/30 15:04

## EAST Search History

S31	1	all near pass near filter same (poles zeros transfer adj function)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/30 15:05
S32	1	all near pass near filter same (poles zeros transfer adj function stabl\$6)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/30 15:07
S33	6	all near pass near filter	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/30 15:06
S34	1413	all-pass near filter	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/30 15:06
S35	334	S34 same (poles zeros transfer adj function stabl\$6)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/30 15:07
S36	42	S34 same (poles zeros) same transfer adj function	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/30 15:07
S37	4	S34 same (poles zeros) same transfer adj function same stabl\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/01 11:00